

Converting Colors

XYZ(50.6087, 40.7494, 98.7006)

Have a look what the booklet for
XYZ(50.6087, 40.7494, 98.7006)
contains.

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Color

**XYZ(50.6035, 40.6886,
98.9525)**

Conversions

Conversions Part 1

Format	Color
Hex	BF98FE
RGB	191, 152, 254
RGB Percent	75%, 60%, 100%
CMY	0.2510, 0.4039, 0.0039
CMYK	0.25, 0.40, 0.00, 0.00
HSL	263°, 98%, 80%
HSV	263°, 40%, 100%
XYZ	50.6035, 40.6886, 98.9525
YIQ	175.2890, -9.4980, 39.9900

Conversions

Conversions Part 2

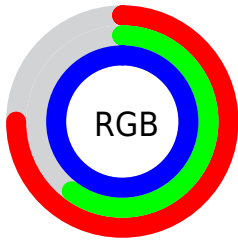
Format	Color
RYB	191, 152, 254
Decimal	12556542
CIELab	69.96, 34.74, -45.52
CIELCh	70, 57.264, 307.348
Yxy	40.6886, 0.2660, 0.2139
Android (android.graphics.Color)	4290746622 (0xFFBF98FE)
YUV	175.2890, 38.8045, 13.7785
Hunter-Lab	63.7876, 29.9779, -47.3241

Details

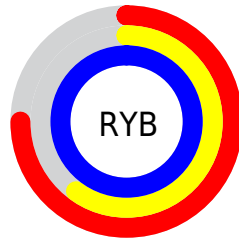
The XYZ color **50.6035, 40.6886, 98.9525** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.1345, 87.5985, 42.9717**, and the grayscale version is **40.7073, 42.8272, 46.6388**.

A 20% lighter version of the original color is **79.4297, 71.9854, 104.3159**, and **24.6269, 18.2965, 55.0569** is the 20% darker color. If you saturate the color by 10%, you get **43.1778, 31.3828, 97.5484**, and if you desaturate by 10%, it is **59.3375, 51.9807, 100.6725**.

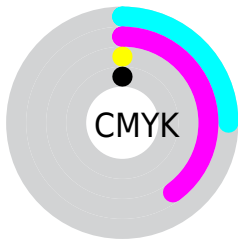
Distribution



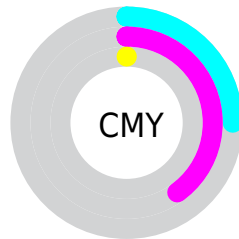
- Red (75%)
- Green (60%)
- Blue (100%)



- Red (75%)
- Yellow (60%)
- Blue (100%)



- Cyan (25%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6035, 40.6886, 98.9525 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 50.6035, 40.6886, 98.9525 by changing the saturation by 10% instead.


 50.6035, 40.6886,
98.9525


 50.6035, 40.6886,
98.9525


379.4344,
349.0174, 578.0470

 36.1129, 28.0758,
74.8140


 90.2549, 76.2110,
161.7562

 24.6919, 18.3828,
54.9597


 116.1464, 99.8893,
201.2586

 15.9752, 11.2252,
38.9711


146.5690,
128.0251, 246.7192

 9.5973, 6.2185,
26.4296

181.8879,
161.0025, 298.5568

 5.1930, 2.9784,
16.9166

222.4685,
199.2061, 357.1899

 2.3969, 1.1205,
10.0138

268.6763,

 0.8435, 0.0000,

243.0201, 423.0369

5.3024

320.8764,
292.8291, 496.5164

■ 0.0000, 0.0000,
2.3639

■ 0.0000, 0.0000,
0.7667

■ 50.6035, 40.6886,
98.9525

■ 50.6035, 40.6886,
98.9525

■ 43.1778, 31.3828,
97.5484

■ 59.3375, 51.9807,
100.6725

■ 36.9857, 23.9379,
96.4377

■ 69.4397, 65.3646,
102.7234

■ 31.9513, 18.2214,
95.5997

■ 80.9716, 80.9436,
105.1226

■ 27.9873, 14.0803,
95.0093

■ 93.9894, 98.8130,
107.8857

■ 24.9911, 11.3330,
94.6369

94.8895, 99.9358,
108.0549

■ 22.8320, 9.7038,
94.4362

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.0123, 40.6886, 117.2479



50.6035, 40.6886, 98.9525



57.6943, 40.6886, 67.1706

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.6035, 40.6886, 98.9525



45.9986, 40.6886, 11.8006



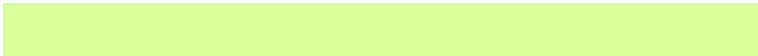
23.4757, 40.6886, 51.2011

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.6035, 40.6886, 98.9525



69.1345, 87.5985, 42.9717

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.3730, 40.6886, 27.3218



50.6035, 40.6886, 98.9525



36.4249, 40.6886, 10.3951

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.6035, 40.6886, 98.9525



54.7515, 40.6886, 19.8805



28.7831, 40.6886, 14.7339



26.0980, 40.6886, 83.3312

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.6035, 40.6886, 98.9525



59.4936, 40.6886, 46.7218



28.7831, 40.6886, 14.7339



23.3840, 40.6886, 41.9691

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.6050, 40.6902, 98.9534



79.4386, 78.5966, 105.5915



55.5494, 63.2522, 103.0478



16.6675, 16.3675, 22.5307



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.6050, 40.6902, 98.9534



45.0660, 33.5173, 98.7020



65.1899, 48.2090, 99.6360



17.6595, 17.7162, 22.7388



12.1887, 5.1940, 49.7947



1.3040, 0.5661, 4.8538

Inverse Universe

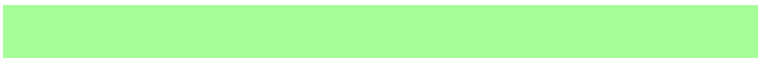
The Inverse Universe completely reimagines the original color for something new.



64.3681, 48.4350, 70.2471



60.9826, 42.4896, 64.7903



56.7527, 81.2154, 42.3922



18.4810, 18.1757, 21.1502



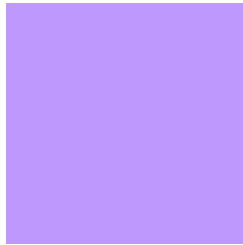
24.8262, 12.4198, 18.2669



2.4706, 1.2306, 2.0595

Previews

White Background



This preview shows how the XYZ color 50.6035, 40.6886, 98.9525 looks on a white background.

Color Contrast Check

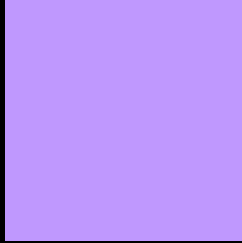
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 50.6035, 40.6886, 98.9525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

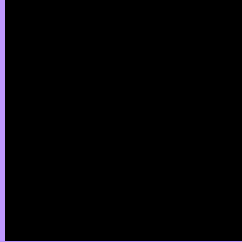
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6035, 40.6886, 98.9525

Background



This preview shows how black text looks on a background with the XYZ color 50.6035, 40.6886, 98.9525.



This preview shows how white text looks on a background with the XYZ color 50.6035, 40.6886,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.6035, 40.6886, 98.9525

Protanopia

43.0371, 40.8880, 100.2316

Deuteranopia

42.1113, 41.0549, 96.1474



Tritanopia

40.7032, 40.8064, 49.4472

Trichromacy



Original Color

50.6035, 40.6886, 98.9525



Protanomaly

45.2684, 40.4316, 100.0259



Deuteranomaly

44.4144, 40.3275, 96.7099



Tritanomaly

43.8339, 40.4620, 65.1742

Monochromacy



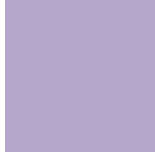
Original Color

50.6035, 40.6886, 98.9525



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.7739, 41.8208, 62.8918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6035, 40.6886, 98.9525 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(191, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(191, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 254) }
```

Border

The CSS property to change the border of an element to XYZ 50.6035, 40.6886, 98.9525 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 152, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(191, 152, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(191, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6035, 40.6886, 98.9525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(191,  
152, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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